

5'	ATG	AAG	GTC	TCC	GCA	GCA	CIT	CTG	TGG	CTG	CTG	CTC	ATA	GCA	GCT	GCC	TTC	103
	M	K	V	S	A	A	L	L	W	L	L	L	I	A	A	A	F	S
	CCC	CAG	GGG	CTC	ACT	GGG	CCA	GCT	TCT	GTC	CCA	ACC	ACC	TGC	TGC	TIT	AAC	157
	P	Q	G	L	T	G	P	A	S	V	P	T	T	C	C	F	N	L
	GCC	AAT	AGG	AAG	ATA	CCC	CIT	CAG	CGA	CTA	GAG	AGC	TAC	AGG	AGA	ATC	ACC	211
	A	N	R	K	I	P	L	Q	R	L	E	S	Y	R	R	I	T	S
	GGC	AAA	TGT	CCC	CAG	AAA	GCT	GTG	ATC	TTC	AAG	ACC	AAA	CTG	GCC	AAG	GAT	265
	G	K	C	P	Q	K	A	V	I	F	K	T	K	L	A	K	D	I
	TGT	GCC	GAC	CCC	AAG	AAG	AAG	TGG	GTG	CAG	GAT	TCC	ATG	AAG	TAT	CTG	GAC	319
	C	A	D	P	K	K	K	W	V	Q	D	S	M	K	Y	L	D	Q
	AAA	TCT	CCA	ACT	CCA	AAG	CCA	3'										
	K	S	P	T	P	K	P											

FIGURE 1

	39						48			57				66			75				84			
5'	ATG	GCT	CAG	TCA	CTG		GCT	CTG	AGC	CTC	CTT	ATC		CTG	GTT	CTG	AAC	TTT	GGC	ATC				
	M	A	S	L			L	S	L	L	I			L	V	L	F	G	G	I				
	93						102			111				120			129				138			
	CCC	AGG	ACC	CAA	GGC	AGT	GAT	GGA		GGG	GCT	CAG		GAC	TGT	TGC	CTC	AAG	TAC	AGC				
	P	R	T	Q	G	S	D	G		G	A	Q		D	C	C	L	K	Y	S				
	147						156			165				174			183				192			
	CAA	AGG	AAG	ATT	CCC	GCC	AAG	GTT		GTC	CGC	AGC		TAC	CGG	AAG	CAG	GAA	CCA	AGC				
	Q	R	K	I	P	A	K	V		V	R	S		Y	R	K	Q	E	P	S				
	201						210			219				228			237				246			
	TTA	GGC	TGC	TCC	ATC		CCA	GCT	ATC		CTG	TTC	TTG		CCC	CGC	AAG	CGC	TCT	CAG	GCA			
	L	G	C	S	I		P	A	I		L	F	L		P	R	K	R	S	Q	A			
	255						264			273				282			291				300			
	GAG	CTA	TGT	GCA	GAC		CAA	AAG	GAG		CTC	TGG	GTG		CAG	CAG	CTG	ATG	CAG	CAT	CTG			
	E	L	C	A	D		P	K	E		L	W	V		Q	Q	L	M	Q	H	L			
	309						318			327				336			345				354			
	GAC	AAG	ACA	CCA	TCC		CCA	CAG	AAA		CCA	GCC	CAG		GGC	TGC	AGG	AAG	GAC	AGG	GGG			
	D	K	T	P	S		P	Q	K		P	A	Q		G	C	R	K	D	R	G			
	363						372			381				390			399				408			
	GCC	TCC	AAG	ACT	GGC		AAG	AAA	GGA		AAG	GGC	TCC		AAA	GGC	TGC	AAG	AGG	ACT	GAG			
	A	S	K	T	G		K	K	G		K	G	T		K	G	C	K	R	T	E			
	417						426																	
	CGG	TCA	CAG	ACC	CCT		AAA	GGG	CCA		3'													
	R	S	O	T	P		K	G	P															

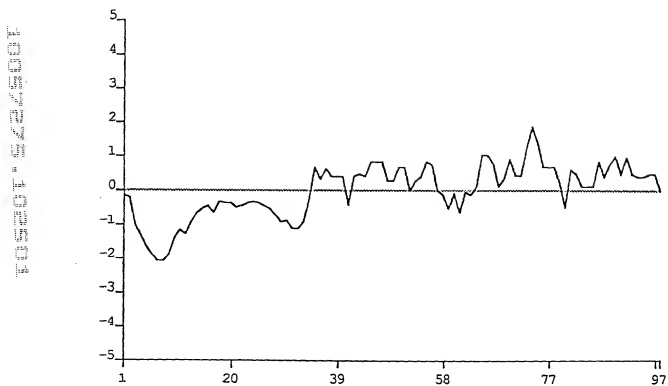


FIGURE 4

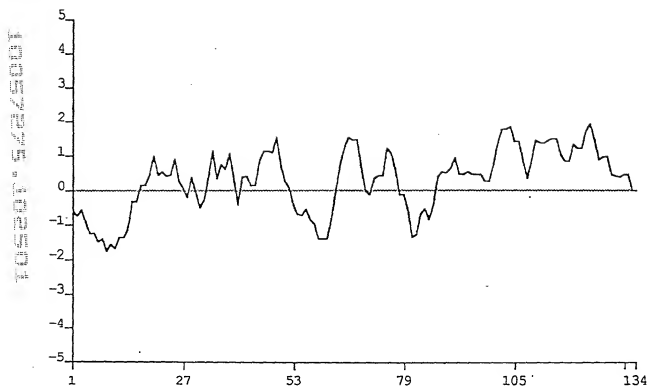


FIGURE 5

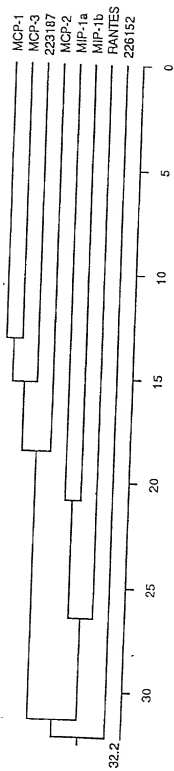


FIGURE 6